

What is claimed is:

Subt
1. A method for manufacturing carboxylic acid and amino
2 acid or amino acid condensate reactants, characterized in
3 mixing carboxylic acids and amino acids or amino acid
4 condensates under an aqueous system and heating to 100° C or
5 more, less than 180° C without vaporizing the water away.

1 2. The manufacturing method set forth in claim 1,
2 wherein said heating is carried out at 105° C or more.

Subt
A2
3 3. The manufacturing method set forth in claim 1 or 2,
4 wherein said carboxylic acids are 1 or 2 or more organic
5 acids selected from the group consisting of acetic acid,
6 lactic acid, tartaric acid, citric acid, succinic acid and
7 fumaric acid, or their salts.

1 4. The manufacturing method set forth in claim 1 or 2,
2 wherein said carboxylic acids are fatty acids or their
3 salts.

1 5. The manufacturing method set forth in claim 1 or 2,
2 wherein said carboxylic acids are selected from the group
3 consisting of uronic acids, acidic polysaccharides
4 containing uronic acids, and acidic oligosaccharides
5 containing uronic acids, or their salts.

1 6. The manufacturing method set forth in any of claims
2 1 through 5, wherein said amino acids or amino acid
3 condensates are the amino acids, or compounds containing

1 7. Carboxylic acid and amino acid or amino acid
2 condensate reactants manufactured by the method of any of
3 claims 1 through 6.

1 9. Surfactants manufactured according to the method of
2 claim 8.

1 10. Surfactants as set forth in claim 9, containing
2 compounds in which the N-terminals of amino acids or amino
3 acid condensates are acid-amide bound with carboxylic acids.